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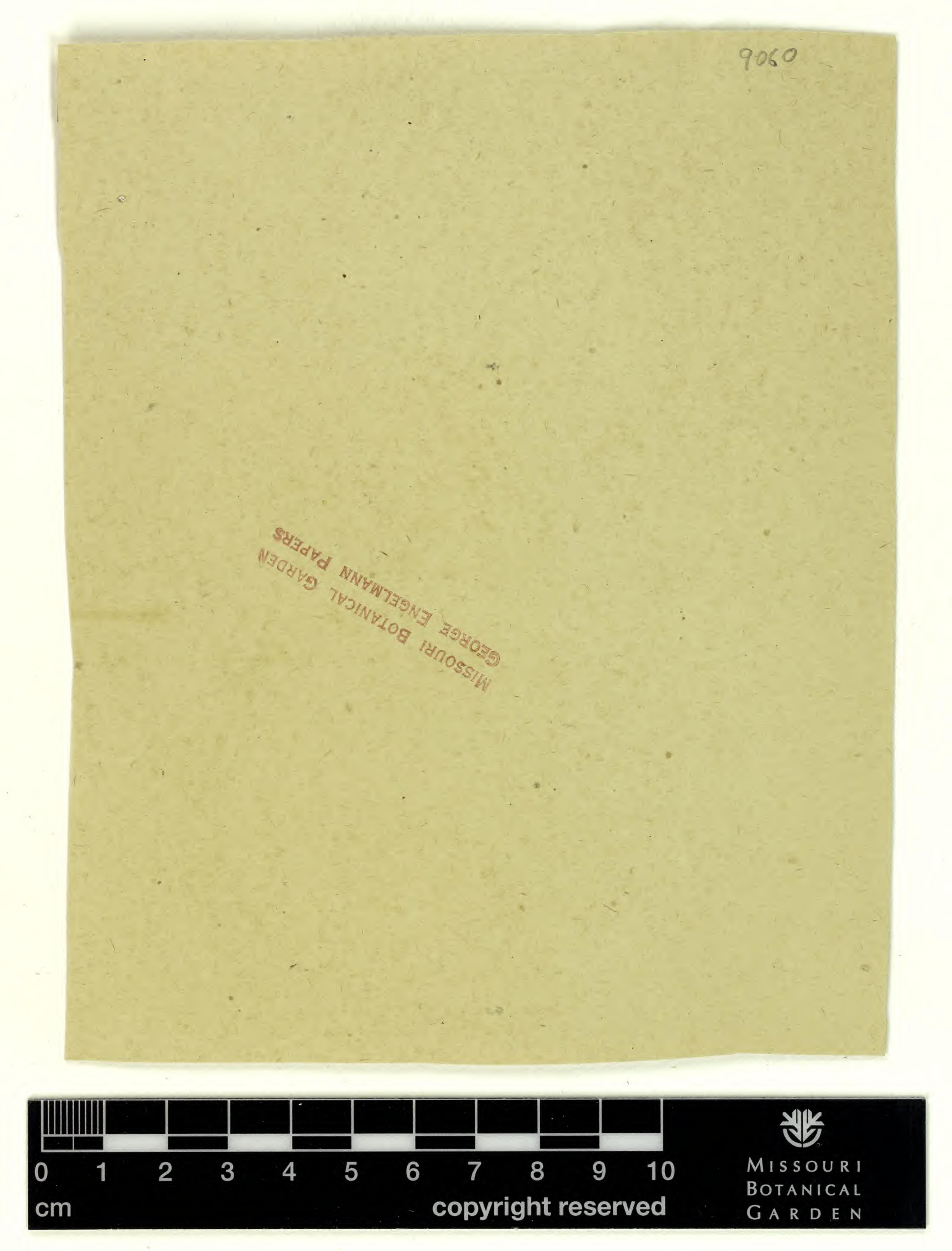


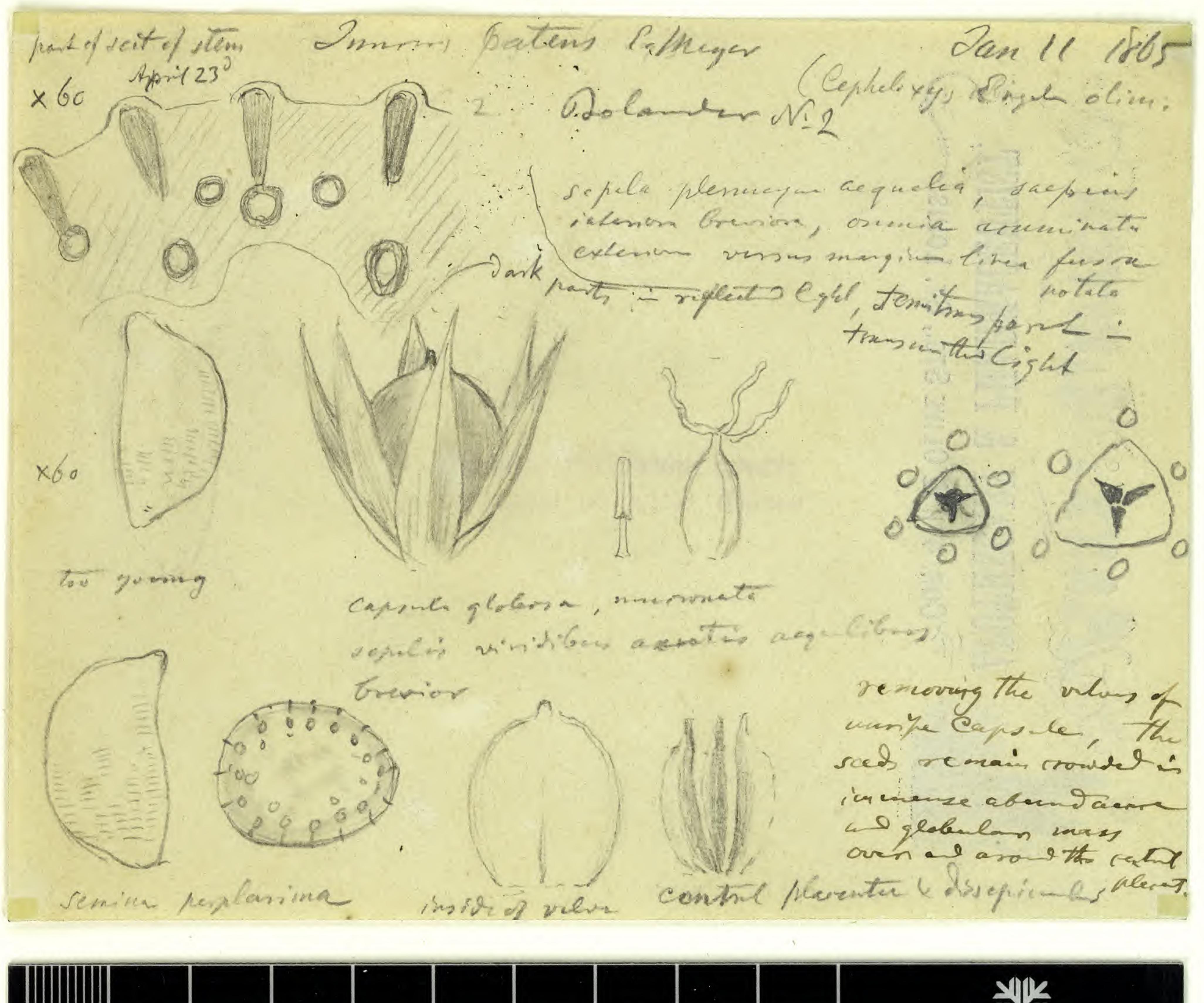
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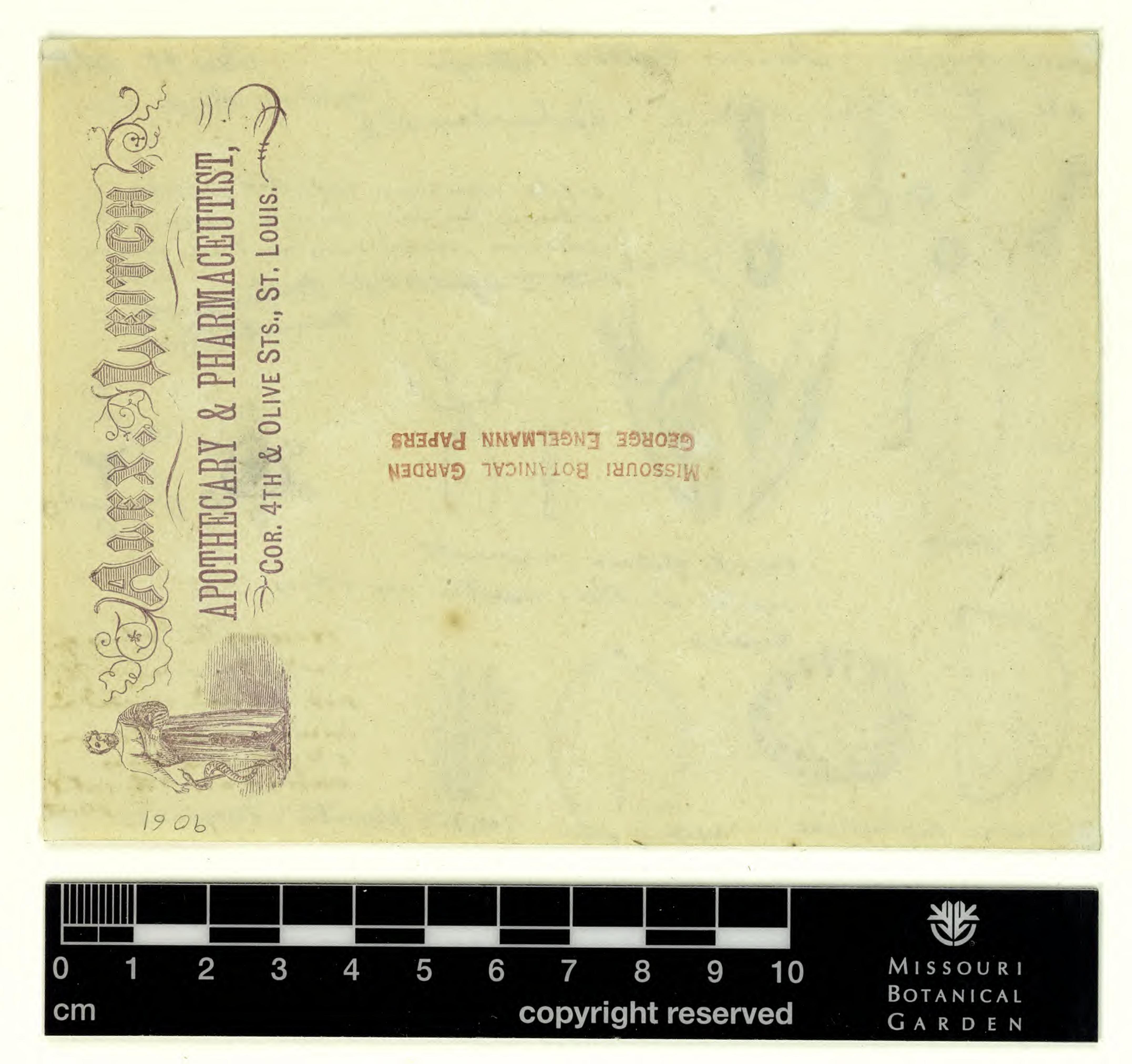
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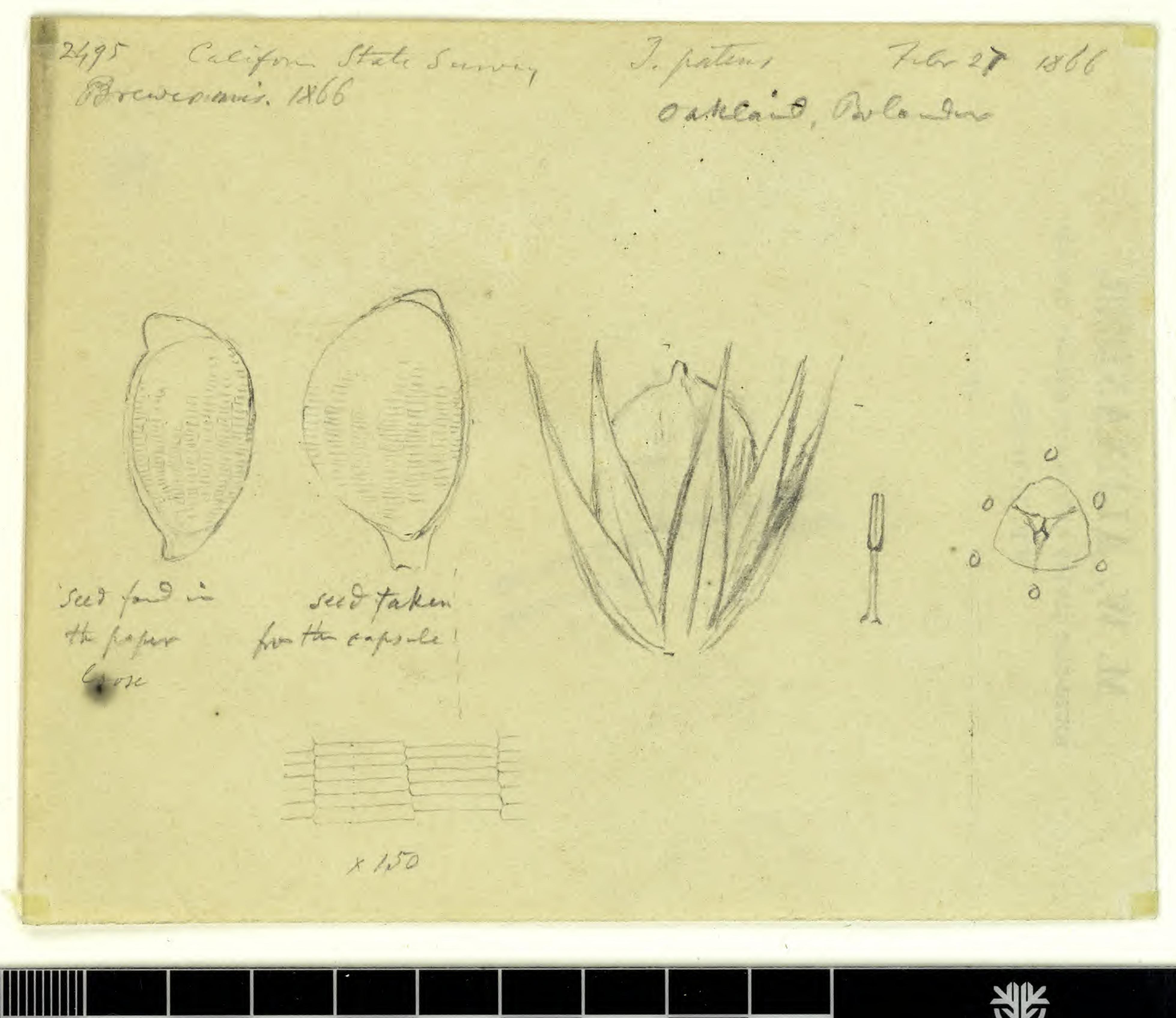
MISSOURI BOTANICAL GARDEN











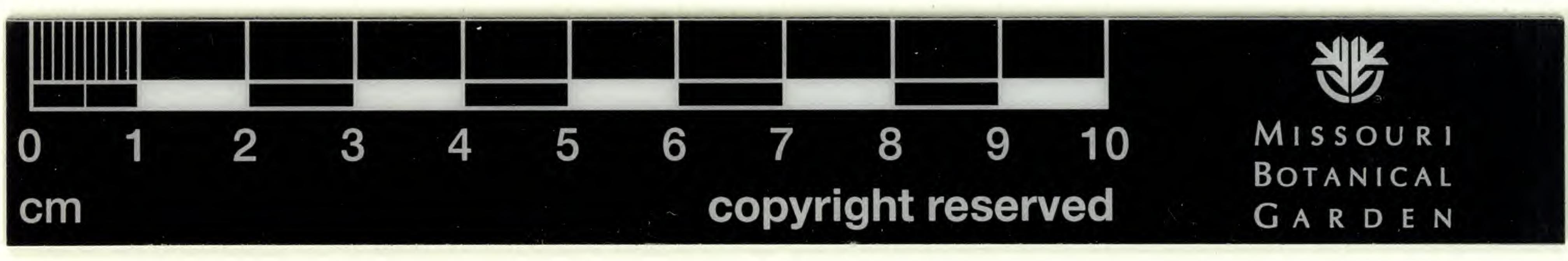


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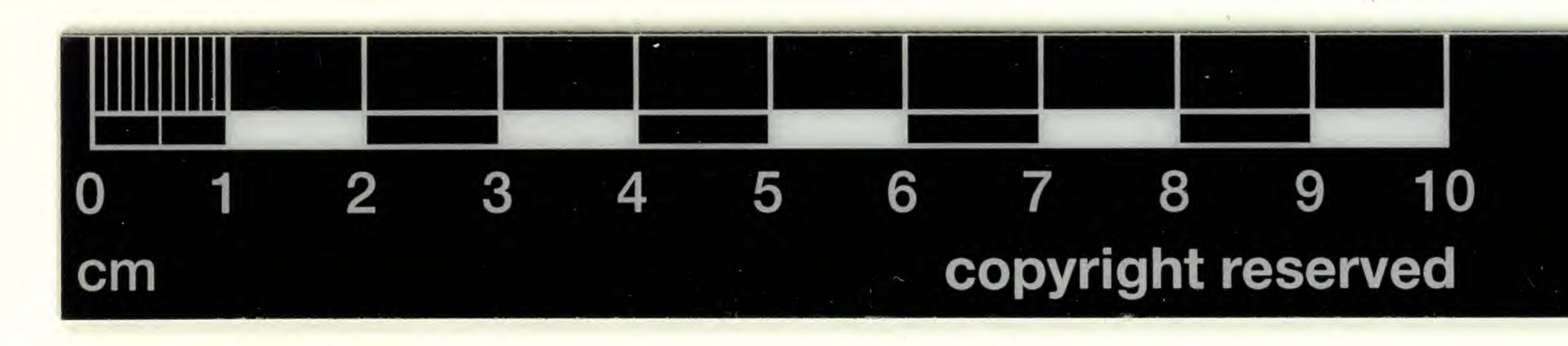


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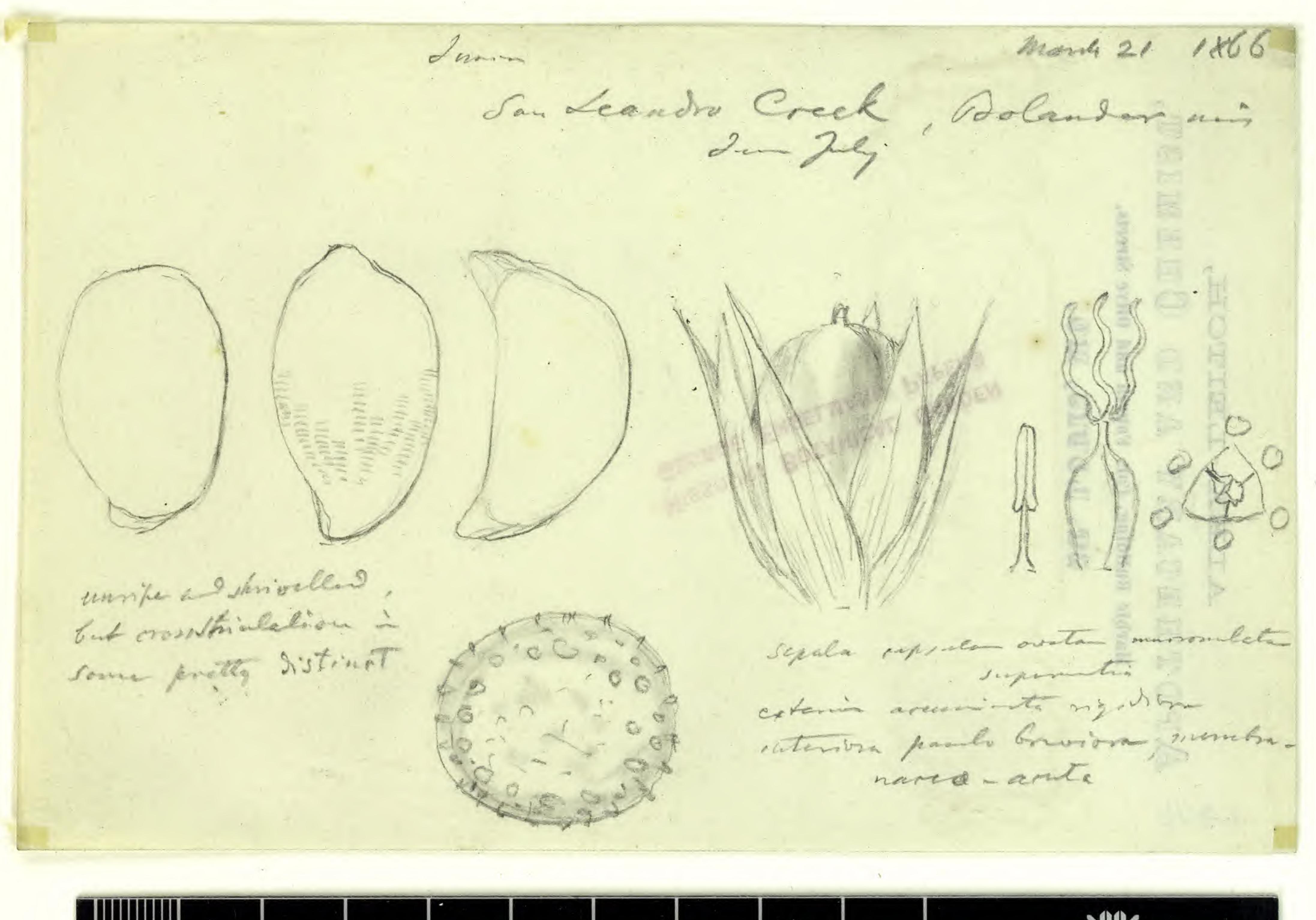
SOUTH-EAST CORNER FOURTH AND MARKET STREETS

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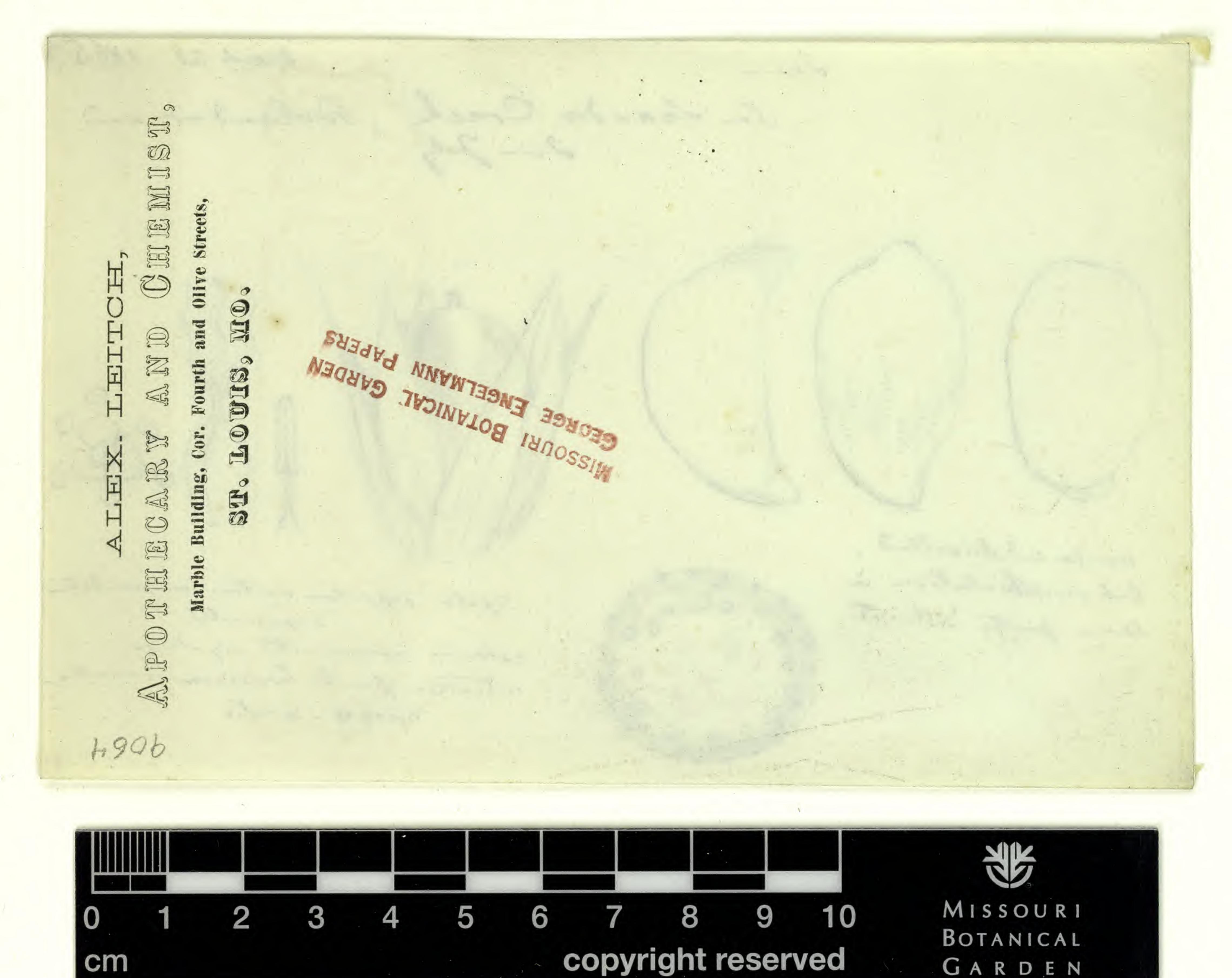
MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

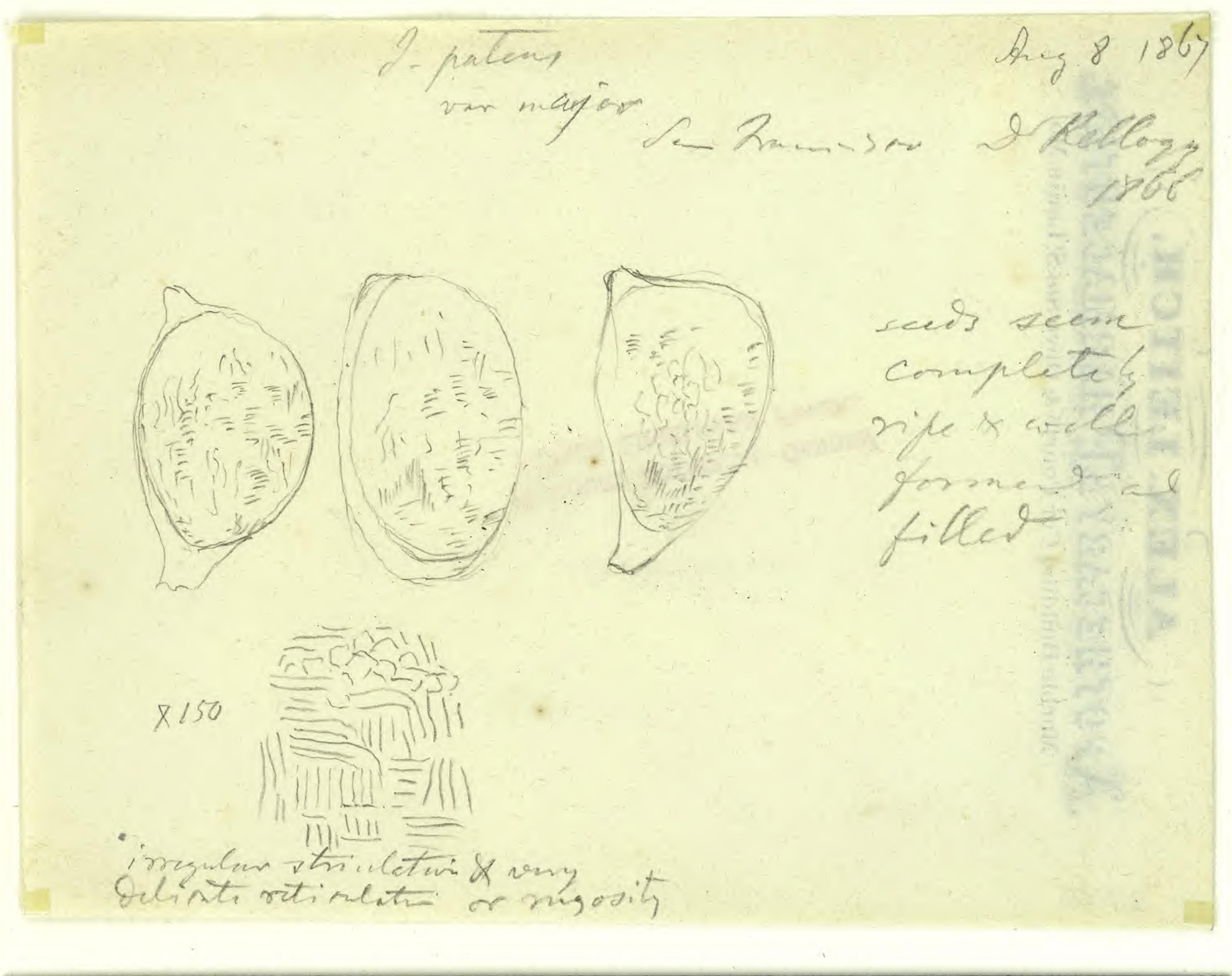












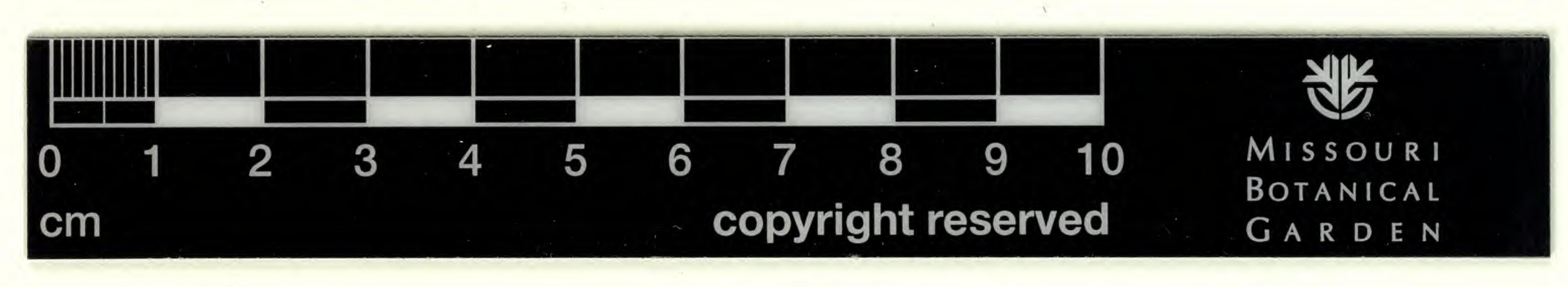


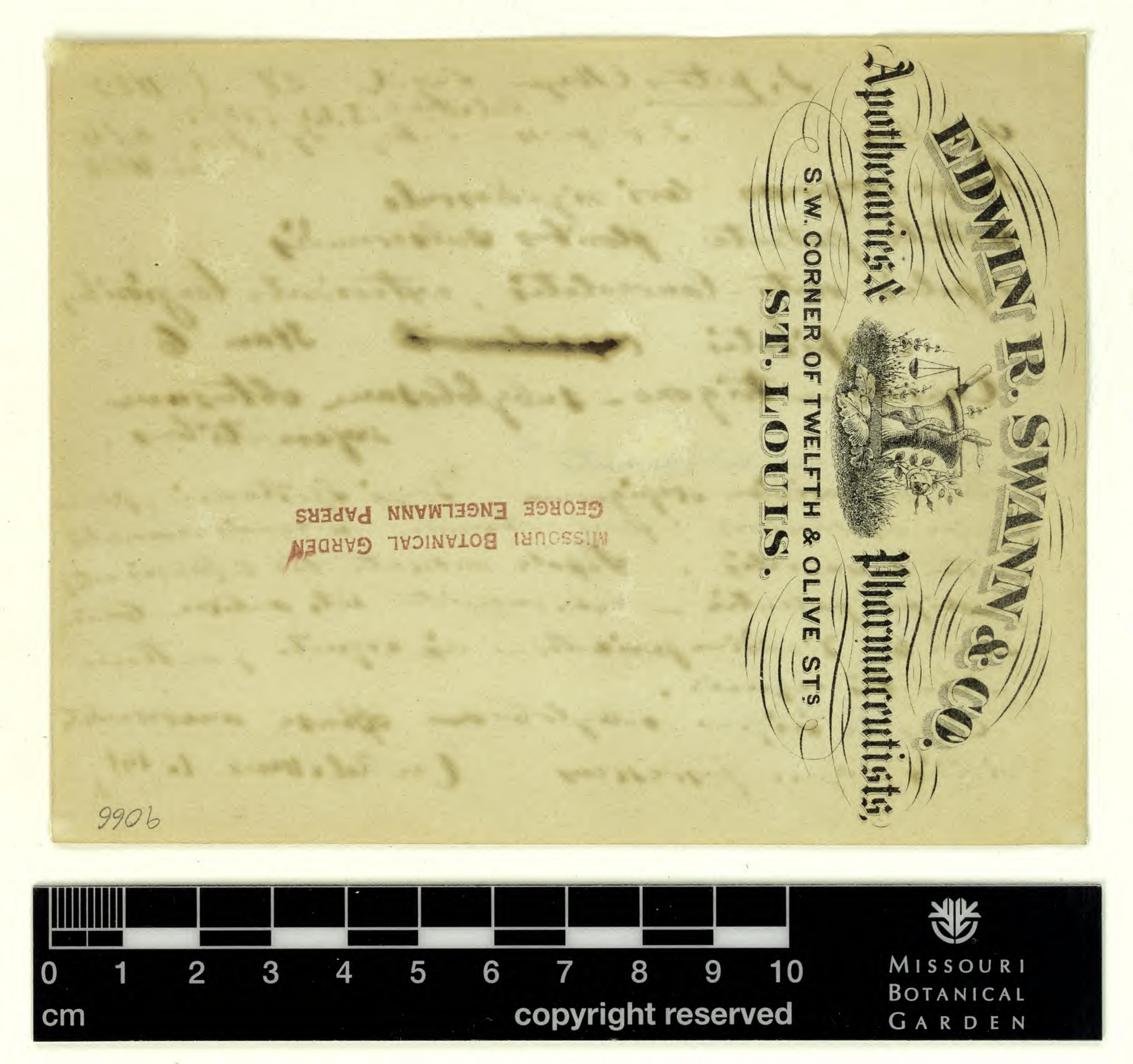
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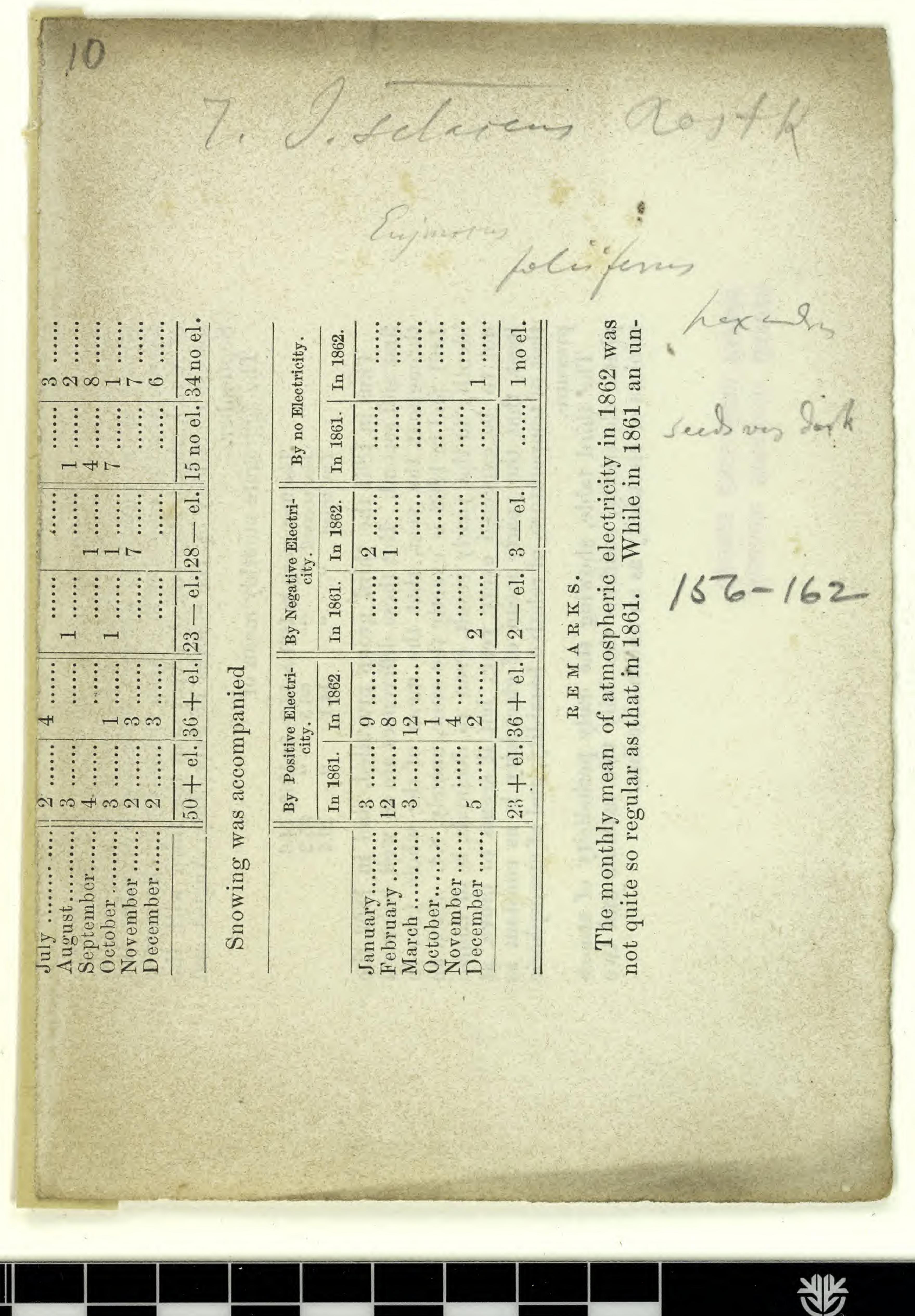


aphyllus I compress - They (1827) ARG. Trapo compresso levi sigidius rulo anthela patente, floribus subserualis Sepalis ovate lanocoletis, exteriones longionity caspidatis quelle Stam 6 Capsulain trig ono - Juby lobosam obtusame sepamentibus. " Vagnine supervis submacronatie"

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MISSOURI BOTANICAL GARDEN

formed by the months of Japanese in the second with December; the second with of March, April, May and lowest electricity by the magnetic September.

The aggregate monthly respectively. the second with January, February, Novemberth a mean electricity by the notion of the chird wire of the control October; and the third wire months of June, July, Augus

The first group in 1861 is 52.9-The second """33.5 The third ""1861 is 52.9-

throughout the year, that the mean 1861 and in 1862 is exactly the same, identity in the yearly result, even to not to be expected every year least, that the yearly mean of that of temperature, of relative h first and second. Thus in 1861 the But these differences are so well kear that the mean of the whole third very year; but it seems to promean of electricity is as constrelative humidity, and of atmost the same, prevailed, , namely, decimals, is and

pheric electricity, confinmina of electricity as pressure. The third table, showing confirms the the daily two maxima periodicity

ENGELMANN BOTANICAL MISSOURI GEORGE

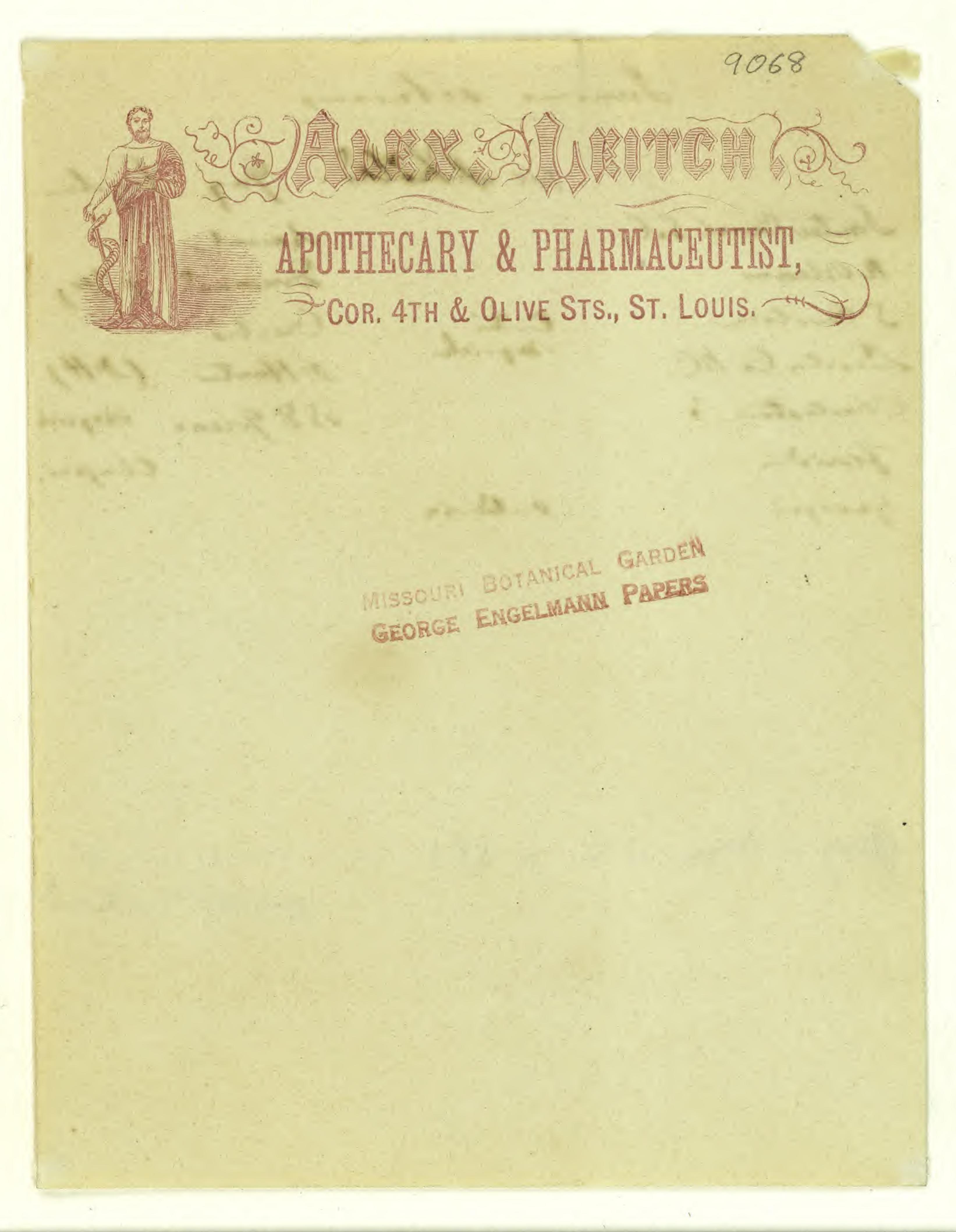




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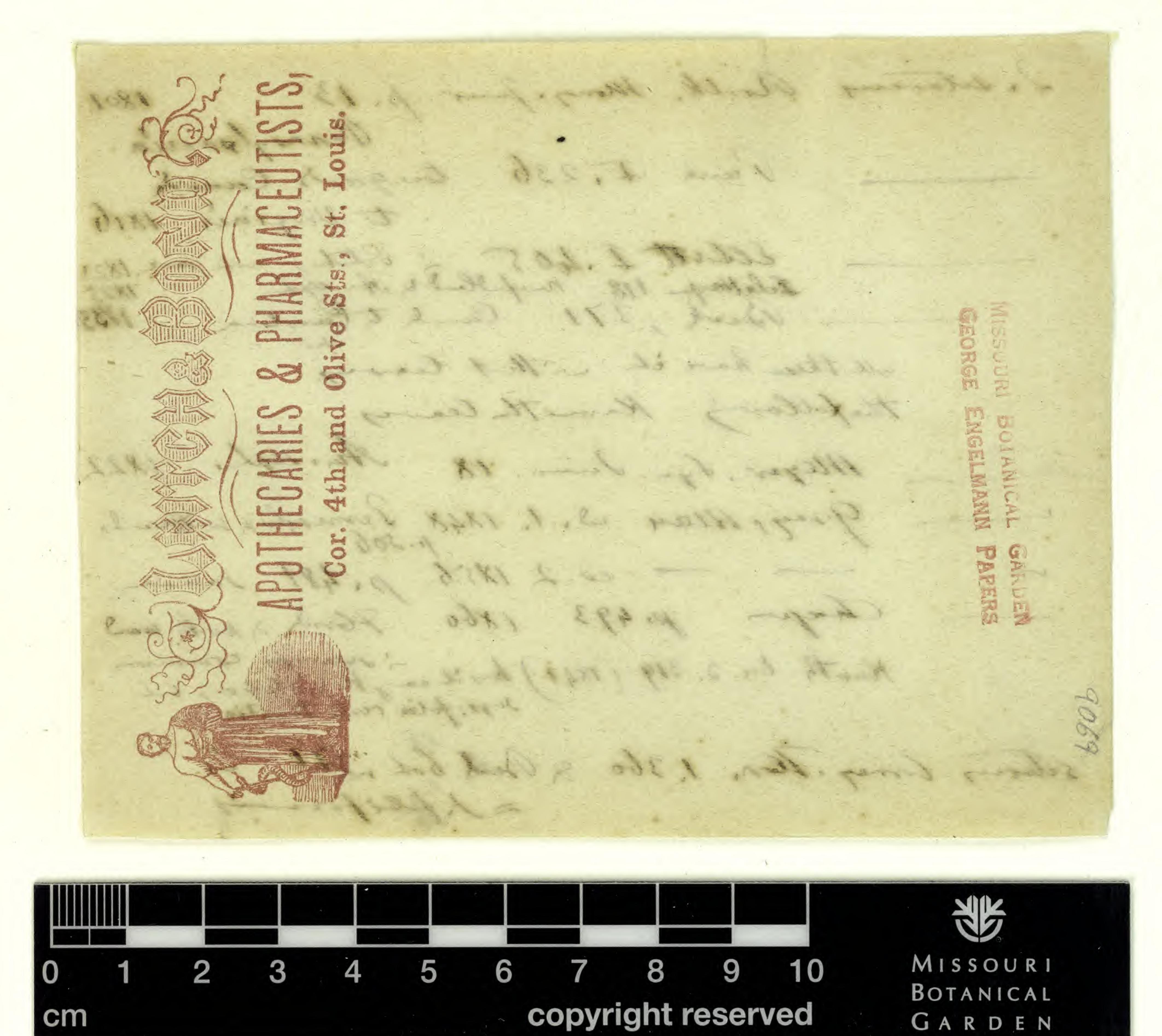






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Belattage 171 Camb & Camb & Carolina 1833 all these have it without leaving. the follows Know The Cenway Meyer, Lyn. Jum. 18 Au. sept. 1822 Gray, May A. 1. 1848 Semish & softenle - ed. 2 1856 p. 481 same Chape p. 493 1860 Florid A Korth word Knowth En. 3. 319 (1841) has it amy the lengten on, all says: folia reste teretia. selevers Corney. Mon. 1. 360 & Det Bot 201





TRANS. OF THE AC rrupted descent and ascent ember, we find in 1862 some

thicity and that in both interrupted December, groups. spect divide the twelve mon greater number der instance, was than the general features of differences in temperature greater number of thunders degrees The aggregate monthly months of Mar year are apparent in was ladder. March, the both These triffing higher unusually Computing the mon lowest years and July is the The electricity er than that of J est electricity. find in and the months thunderstorms high, irregularities may December ene, July, Au months ally rainy, that its diminishing thus y in February, I January, April Jowest instead the lowest interruptions each year into degrees . January, February exhibit the high of place electricity give the highest in each group September humidity somewhat may throug

second

group



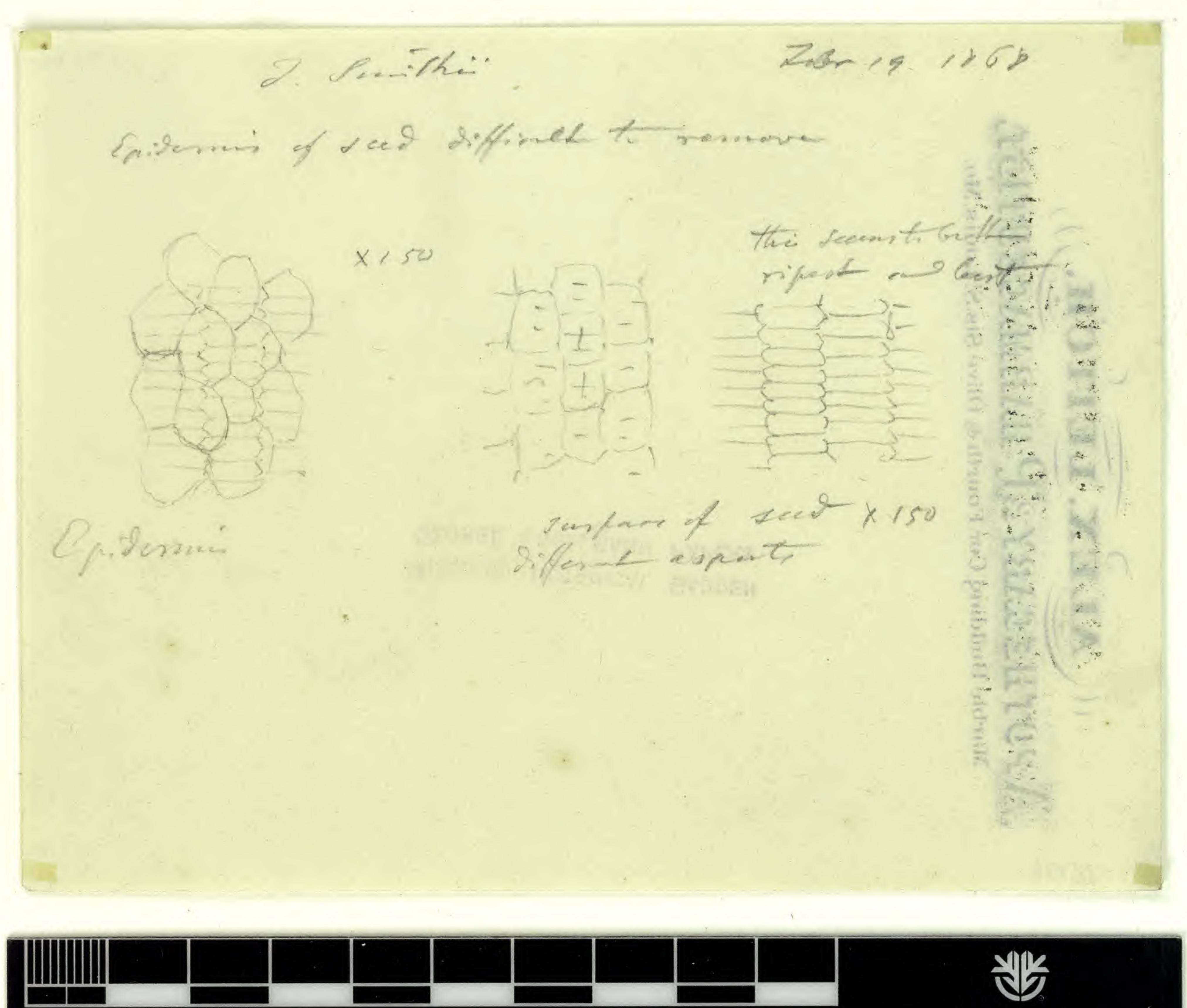
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GEORGE ENGELMANN PAPERS

		By Positive city	Positive Electri- city.	By Negative Electri- city.	re Electri- ty.	By no Electricity	ectricity.
y 5 2		In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862
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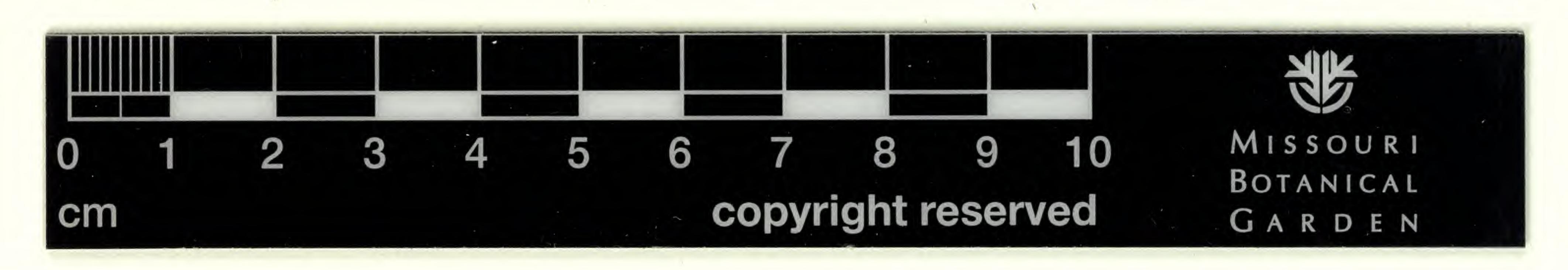




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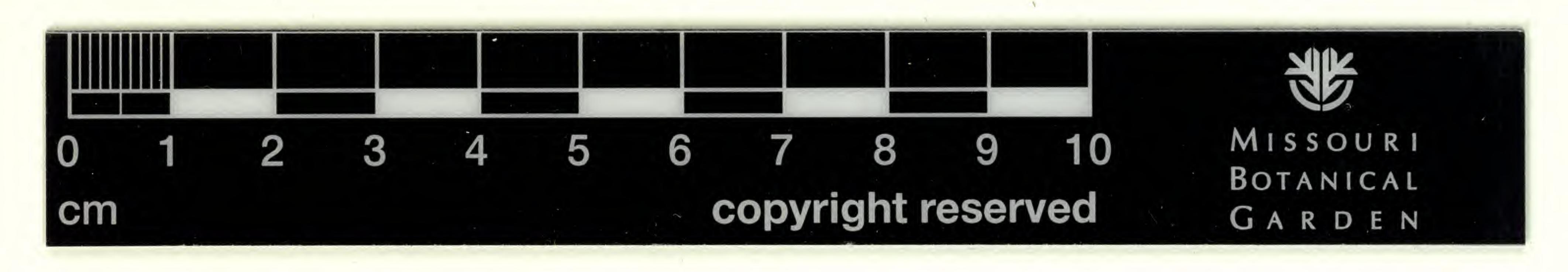


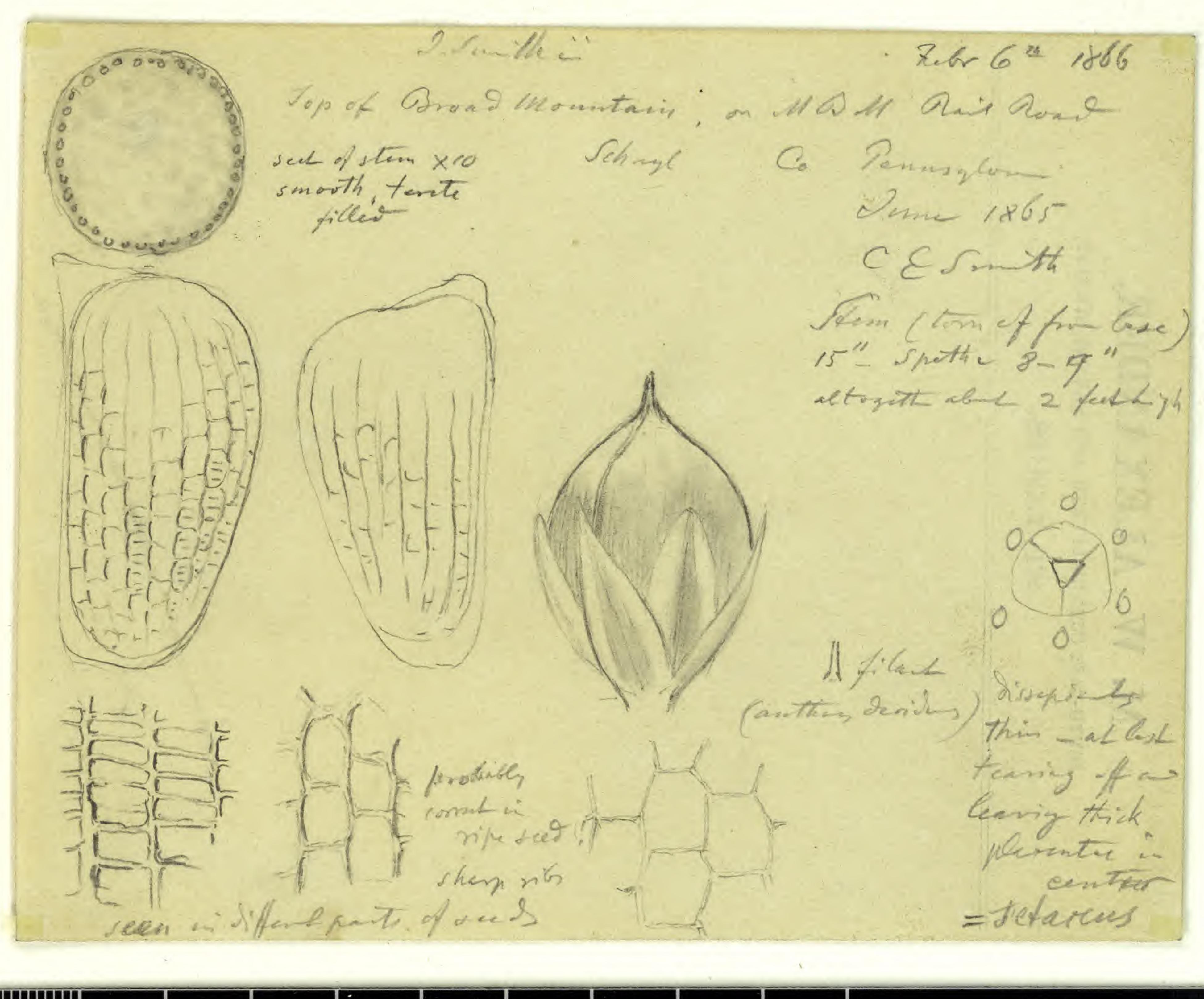
Lucus Sousthe. Or Board Mountain in a Sphagnows Swamp resting on Sandstone and gravil, in dans and water, must be rovered with water in winter and early spring. It is amoriated with Juney effersus and I. accuminates the unlike efferson dog not grow in Tussocks. The matter sootstock, cross and reason each other much in the manner of J. Adallion and the culary rise i rows like The reeds of a Pam's pipe, 74. C. Volter -: Cetter of Sept. 29 66



GEORGE ENGELMANN PAPERS
GEORGE ENGELMANN PAPERS

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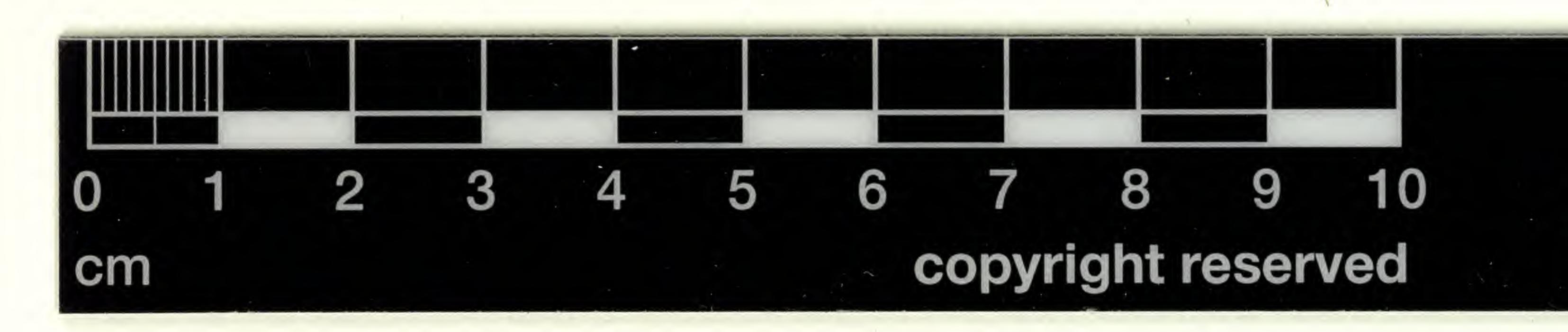


OUTH-EAST CORNER FOURTH AND MARKET STREETS,

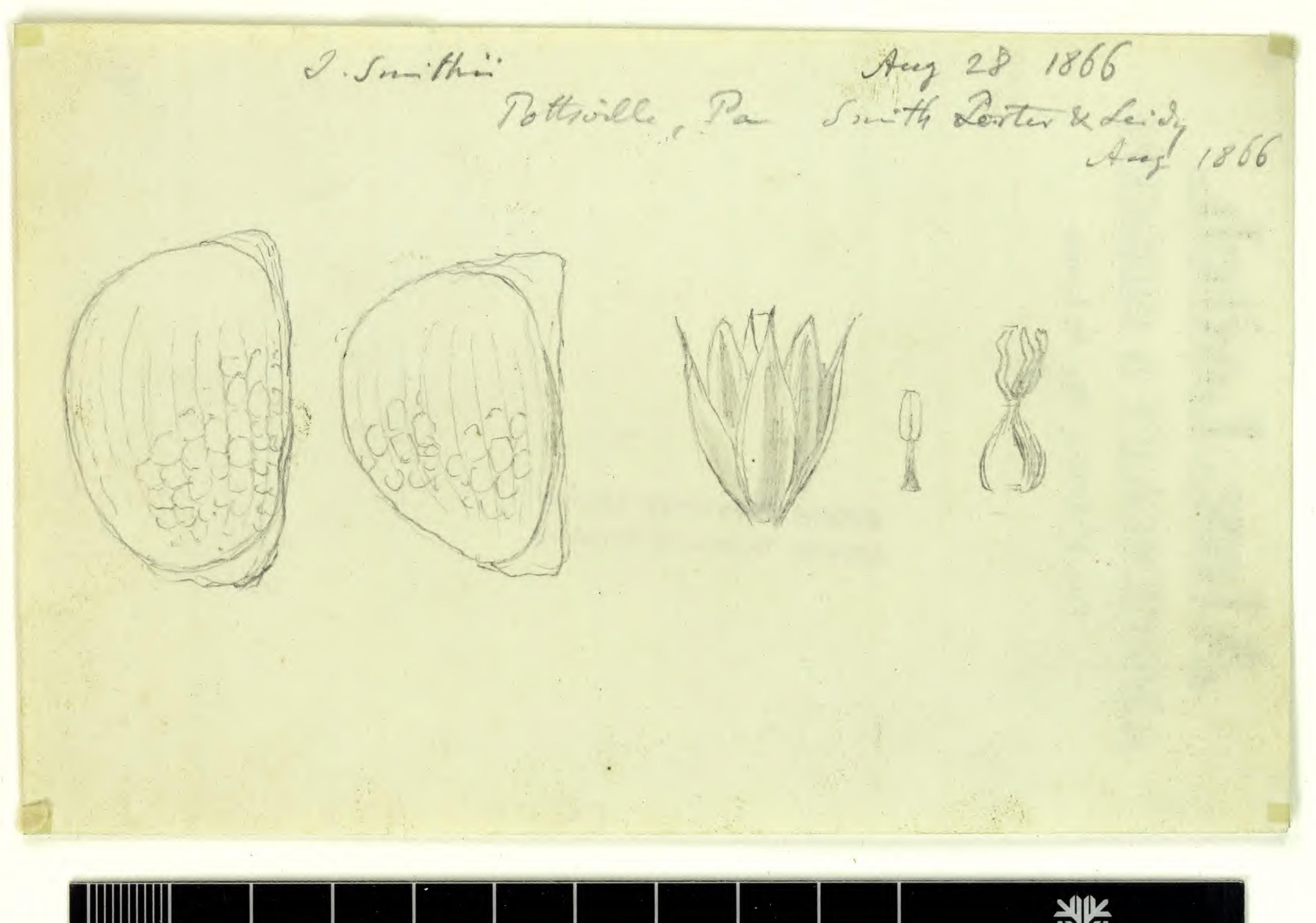
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MISSOURI BOTANICAL GARDEN MISSOURI BOTANICAL GARDEN

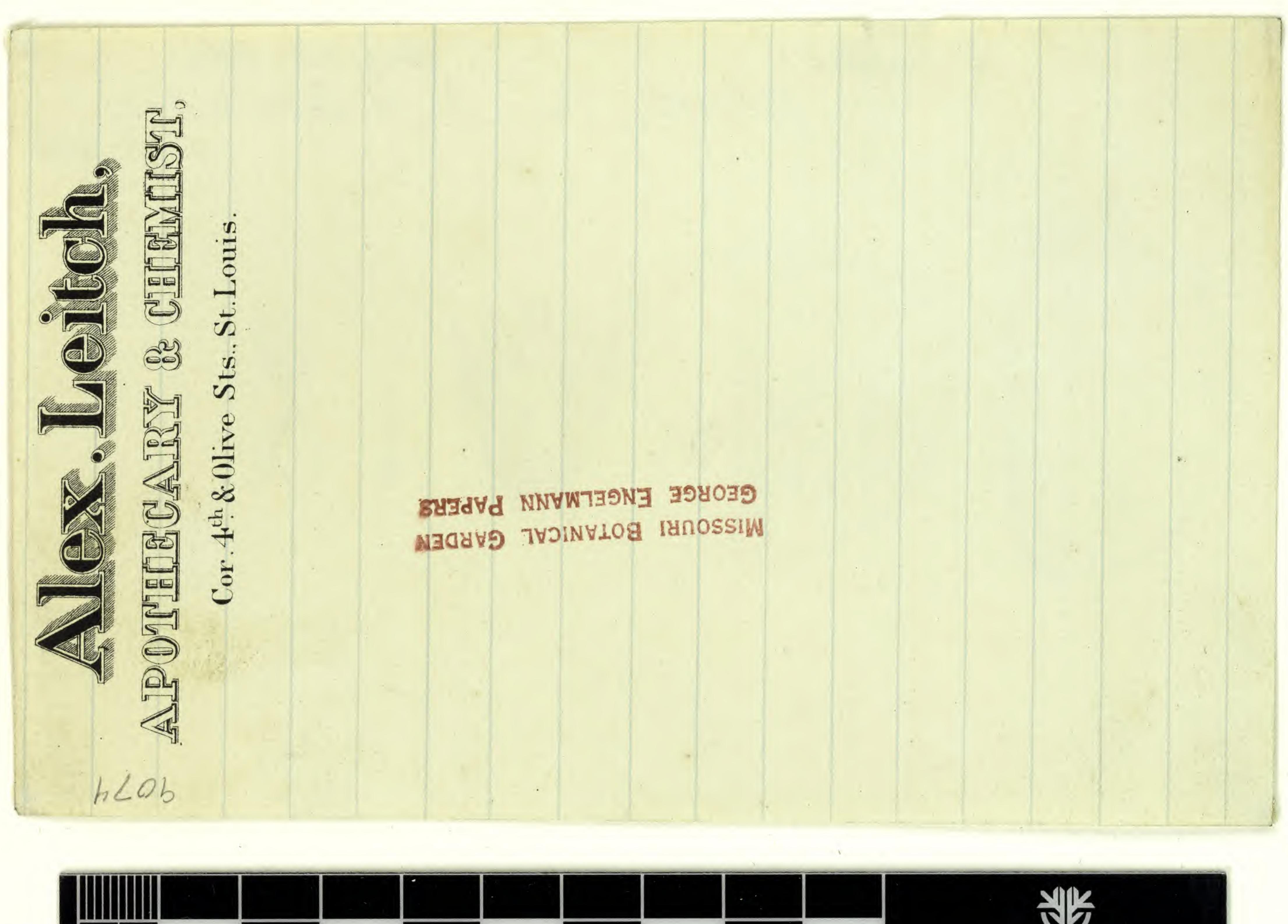
ELOB













Charles & faith to Degelmen Philadelphia & Reading Rail Road 6. Office 227 South Fourth St. Shilad. Zon 19 1866) I werlooked your request for details ar to Soil de of S. Brithie Sharf. Mahaning 12 3 Broad hut, All the Authorists coal in Pa lies in 3 deep parallel Troughs - The upper curve of the beds having been cut off + lucht away - In that The tops of the mountains between the eval basins is old sed Sandstone. The Jewed Surface of Broad Mit. is flat but undulating - and being about 1400 feet above tide water - the depressions are ophagnous Swamper - very little Explored by naturalist. In one of these where I have made a. X. Smithie was Journ - also the Elevaharis enclosed - growing in Men Ophagnum - about 3 feet high - Once a hembock levaint - trees dead of mostly by fire and mostly fallen - but little shade as The spot is on the very top of the mountains -


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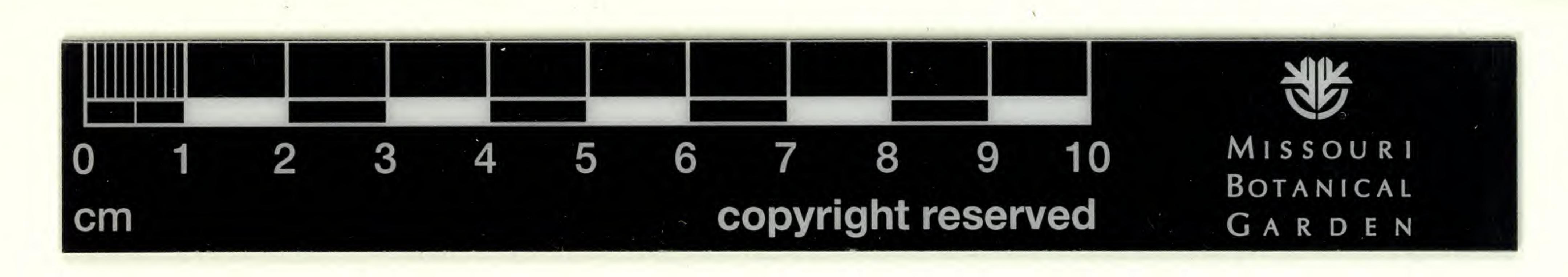
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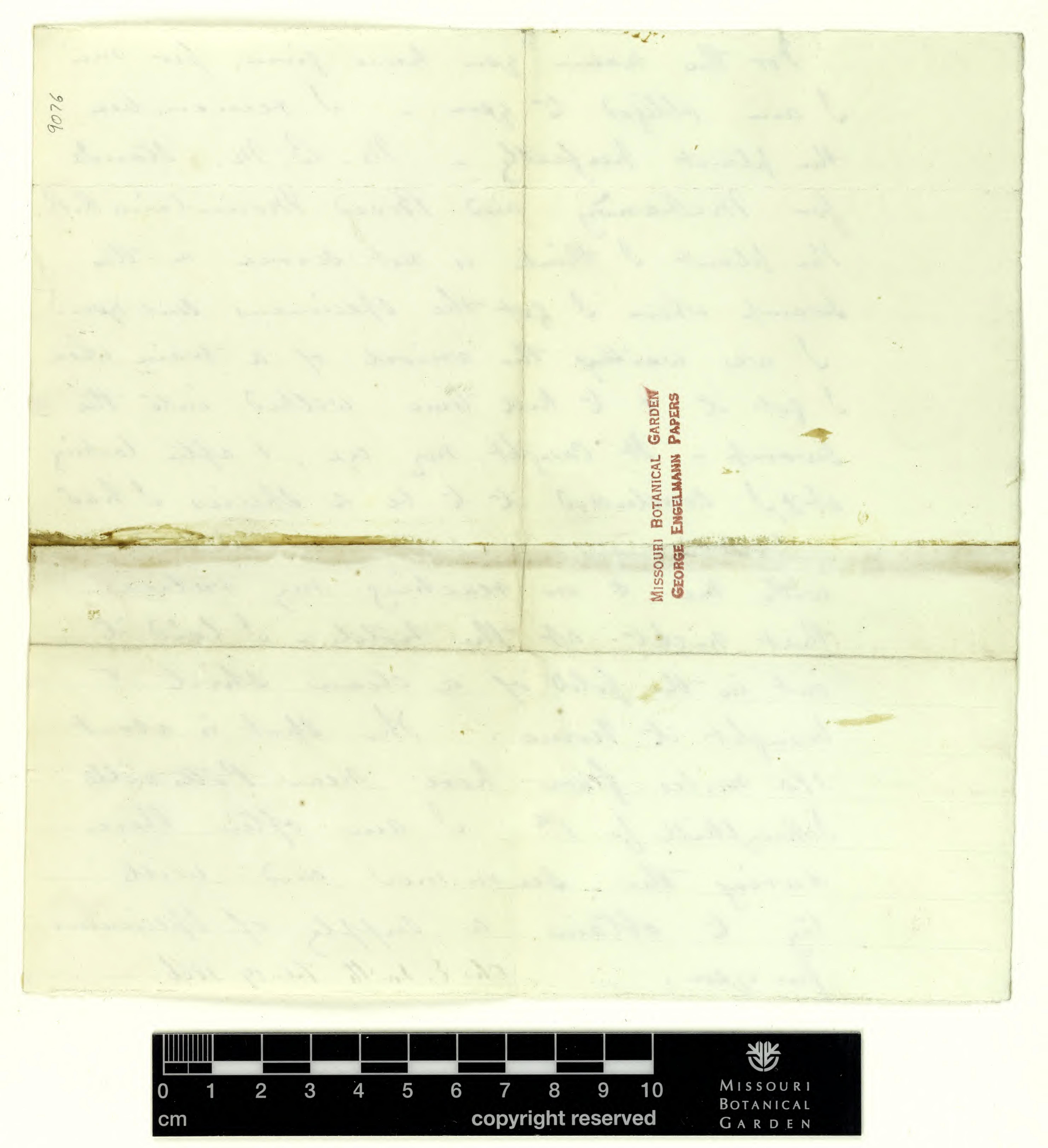
BOTANICAL

GARDEN



For the name you have given for me I am obliged to som - I remember the plant herfectly - M. B. M. Stands for Mahanoy and Broad Mountain R.R. The plant I think is not scance in the Iwamp when I got the Opecimens bent you. I was waiting the arrival of a train when I got it to kill time walked into the Twamp - It caught my eye, & after looking atit I concluded it to be a Openies I had not been - allied & effersur. I took it with me & on reaching my valice that night at the hotel. I laid it out in the folds of a clean Shirt brought it home. The spot is about 110 miles from here near Potts ville Schnylkill fo Pa I am often There during The Summer and will tig to obtain a supply of Specimens for you. Chs E. Smith Teln 19 1866







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